

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6 (Canceled)

7. (New) A semitrailer train comprising:
 - a towing vehicle;
 - a semitrailer;
 - a control device for controlling components of the semitrailer being provided in the towing vehicle;
 - data lines in the semitrailer for transmitting the control data and power supply lines for supplying power to the components;
 - a voltage generator for generating a periodically fluctuating carrier signal provided in the towing vehicle, wherein a signal modulator modulates the control data onto a carrier signal;
 - a demodulator in the semitrailer separates a total signal which is transmitted by inductive coupling into a carrier signal and includes the control data with the control data being provided for actuating said components in the semitrailer;
 - a fifthwheel of the towing vehicle and a coupling part of the semitrailer form a mechanical connection between the towing vehicle and semitrailer, wherein the coupling part of the towing vehicle is a fifthwheel pickup plate and

the coupling part of the semitrailer is a kingpin which fits with said coupling part; and

a first transformer coil arranged in the fifthwheel pickup plate of the towing vehicle in order to transmit the data modulator carrier signal to a second transformer coil proximal to the kingpin of the semitrailer wherein the first transformer coil in the fifthwheel pickup plate of the towing vehicle is a coil whose linear or curved longitudinal axis is arranged substantially parallel to the plate of the fifthwheel pickup plate.

8. (New) A semitrailer train comprising:

a towing vehicle,

a semitrailer;

a control device for controlling components of the semitrailer being provided in the towing vehicle;

data lines in the semitrailer for transmitting the control data and power supply lines for supplying power to the components,

a voltage generator for generating a periodically fluctuating carrier signal provided in the towing vehicle, wherein the carrier signal is transmitted by inductive coupling as a power supply voltage for said components in the semitrailer;

a fifthwheel of the towing vehicle and a coupling part of the semitrailer form a mechanical connection between the towing vehicle and the semitrailer, wherein the coupling part of the towing vehicle is a fifthwheel pickup plate and

the coupling part of the semitrailer is a kingpin which fits with said coupling part, and

a first transformer coil arranged in the fifthwheel pickup plate of the towing vehicle in order to transmit the carrier signal to a said transformer coil proximal to the kingpin of the semitrailer wherein the first transformer coil in the fifthwheel pickup plate of the towing vehicle is a coil whose linear or curved longitudinal axis arranged substantially parallel to the plane of the fifthwheel pickup plate.

9. (New) The semitrailer train as claimed in claim 7, wherein the semitrailer includes a rectifier which converts the carrier signal into direct current whereby the components of the semitrailer are supplied with direct voltage.

10. (New) The semitrailer train as claimed in claim 7, further comprising a third transformer coil proximal to the kingpin of the semitrailer whose linear or curved longitudinal axis is arranged essentially parallel to the plane of the fifthwheel pickup plate when the semitrailer train is coupled.

11. (New) A towing vehicle arrangement comprising:

a fifthwheel having a fifthwheel pickup plate for forming a mechanical connection between a towing vehicle and a semitrailer;

a control device in the towing vehicle for controlling components of the semitrailer data lines for transmitting control data to the semitrailer;

power supply lines for supplying power to the components of the semitrailer;
an alternating voltage generator with towing vehicle for generating a carrier signal wherein a signal modulator modulates the control data onto the carrier signal,

a first transformer coil is arranged in the fifthwheel pickup plate of the towing vehicle in order to transmit the modulated carrier signal to a second transformer coil proximal to a kingpin of the semitrailer in order to generate in the semitrailer a carrier signal and control data for said components in the semitrailer from the signal which is transmitted by inductive coupling wherein the first transformer coil in the fifthwheel pickup plate of the towing vehicle is a coil whose linear or curved longitudinal axis is arranged substantially parallel to the plane of the fifthwheel pickup plate.

12. (New) A semitrailer arrangement for a semitrailer train comprising:
 - a kingpin for coupling to a coupling part of a towing vehicle;
 - a control device for the towing vehicle for actuating components of the semitrailer;
 - data lines in the semitrailer for transmitting the control data, and power supply lines for supplying power to the components;
 - a demodulator which separates a total signal transmitted from the towing vehicle by inductive coupling into an energy-carrying power supply voltage and the control data which is provided in the semitrailer, the power supply voltage being provided to supply power to said components in the semitrailer; and

a transformer coil proximal to the kingpin of the semitrailer whose linear or curved longitudinal axis is arranged substantially parallel to the plane of the fifthwheel pickup plate when the semitrailer train is coupled.

13. (New) The semitrailer train as claimed in claim 8, wherein the semitrailer includes a rectifier which converts the carrier signal into direct current whereby the components of the semitrailer are supplied with direct voltage.

14. (New) The semitrailer train as claimed in claim 8, further comprising a third transformer coil proximal to the kingpin of the semitrailer whose linear or curved longitudinal axis is arranged essentially parallel to the plane of the fifthwheel pickup plate when the semitrailer train is coupled.

15. (New) The semitrailer train as claimed in claim 9, further comprising a third transformer coil proximal to the kingpin of the semitrailer whose linear or curved longitudinal axis is arranged essentially parallel to the plane of the fifthwheel pickup plate when the semitrailer train is coupled.